


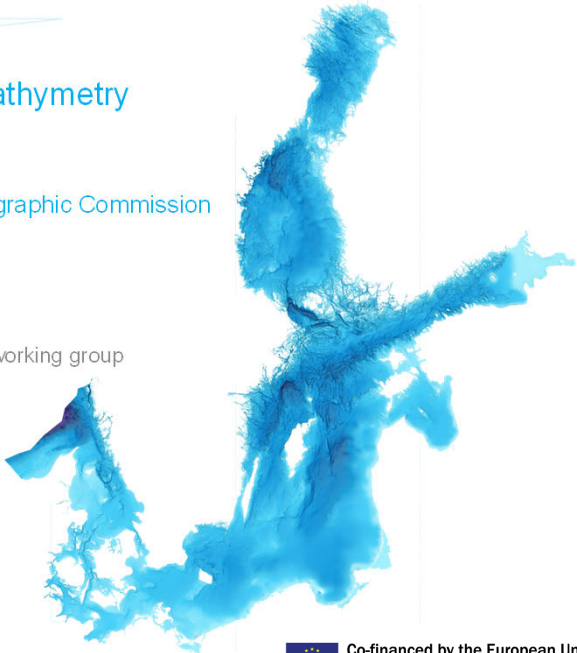


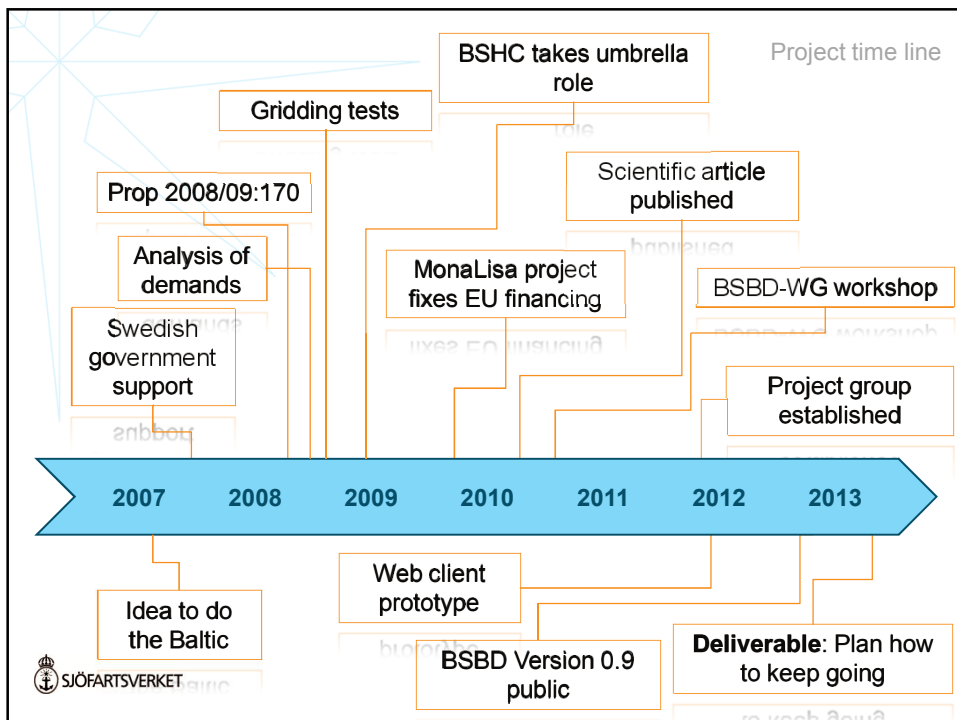
# Baltic Sea Bathymetry Database

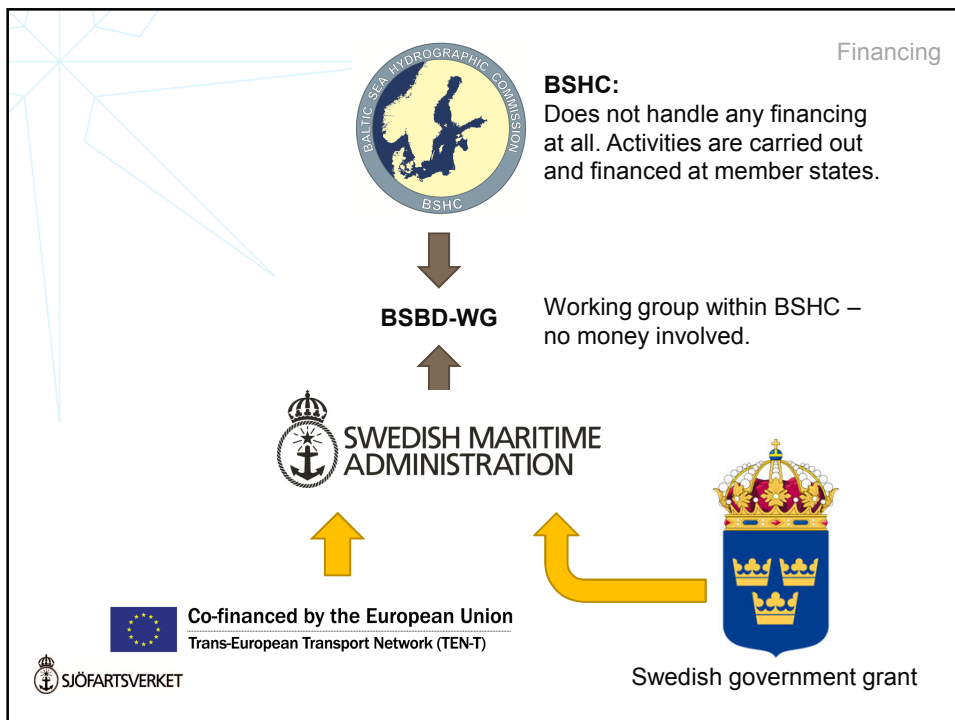
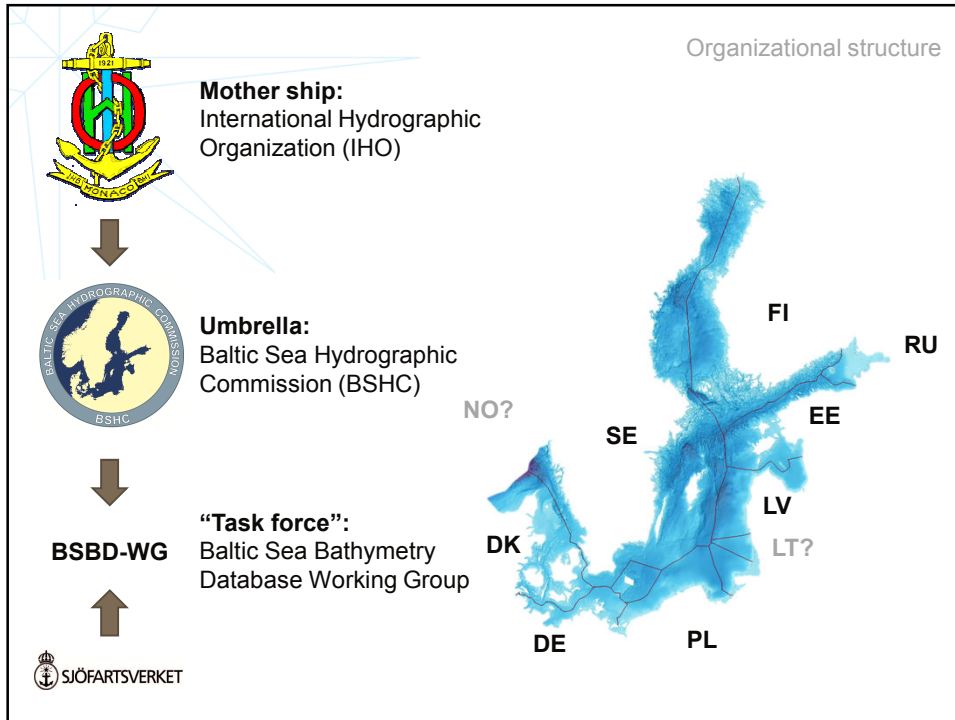
Baltic Sea Hydrographic Commission

Benjamin Hell  
Hans Öiås, BSBD working group



Co-financed by the European Union  
Trans-European Transport Network (TEN-T)





## Result

- Common denominator: 500m grid
- CC-BY-NC license (non-commercial)
- Not for navigation, but for a lot of other exciting application

## Challenges

- National differences (legislation, business models)
- International collaboration between authorities

## Outlook

- Better coverage!
- Higher resolution (already possible for some countries)
- Commercial use




- Lots of interest internationally and national (Sweden)
- 35 sites links to the BSBD portal
- 2314 unique visits between sept 9 and 15

<p>“The benefit of such a portal is massive! ... The portal will be heavily used.”</p> <ul style="list-style-type: none"> <li>– Thomas Hammarklint, oceanographer, SMHI</li> </ul>	<p>“Here at HELCOM we have a map and data service that gathers many Baltic sea related map datasets ... Depth information is also very welcomed”</p> <ul style="list-style-type: none"> <li>– Joni Kaitaranta, data administrator, HELCOM</li> </ul>	<p>“I’ve had a quick look at the web site and the imagery and data looks great!”</p> <ul style="list-style-type: none"> <li>– Pauline Weatherall, BODC &amp; GEBCO</li> </ul>
<p>“...a very useful navigation/mapping website. ... How can I get the highest resolution bathymetric data?”</p> <ul style="list-style-type: none"> <li>– Faramarz Nilfouroushan, researcher Uppsala University</li> </ul>	<p>“The availability of bathymetric is of great importance when studying geological features as well as when planning new studies and surveys.”</p> <ul style="list-style-type: none"> <li>– Johan Nyberg, marine geologist, SGU</li> </ul>	<p>“This information is crucial for studying the effects of a changing climate, including sea-level rise and ocean acidification to name a few.”</p> <ul style="list-style-type: none"> <li>– Martin Jakobsson, professor, Stockholm University</li> </ul>

 SJÖFARTSVERKET

Helsinki Commission




## HELCOM Copenhagen Ministerial Declaration

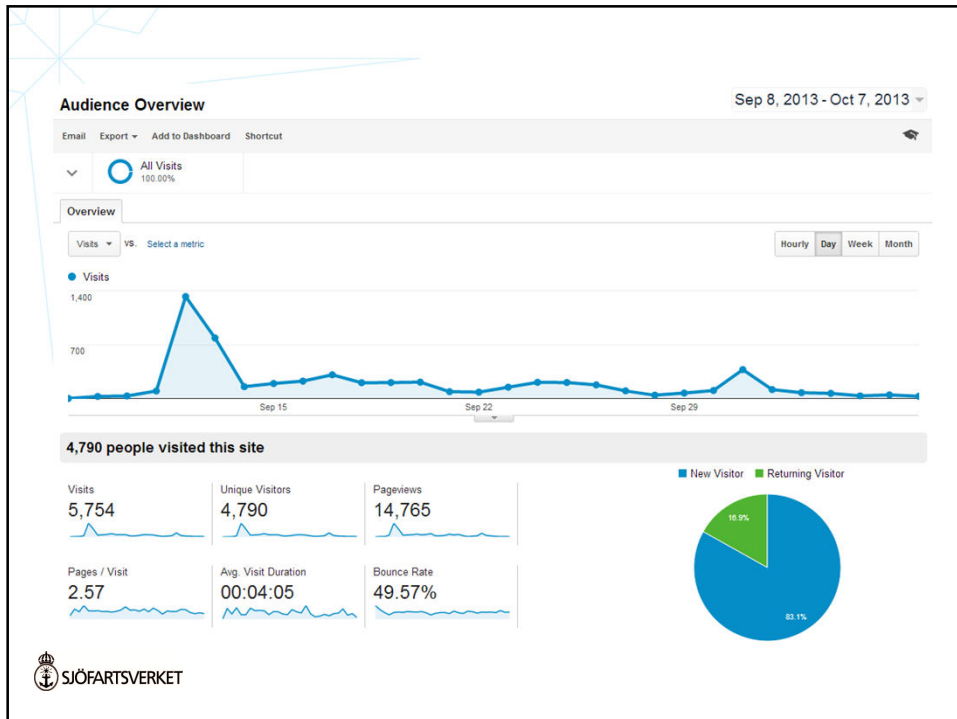
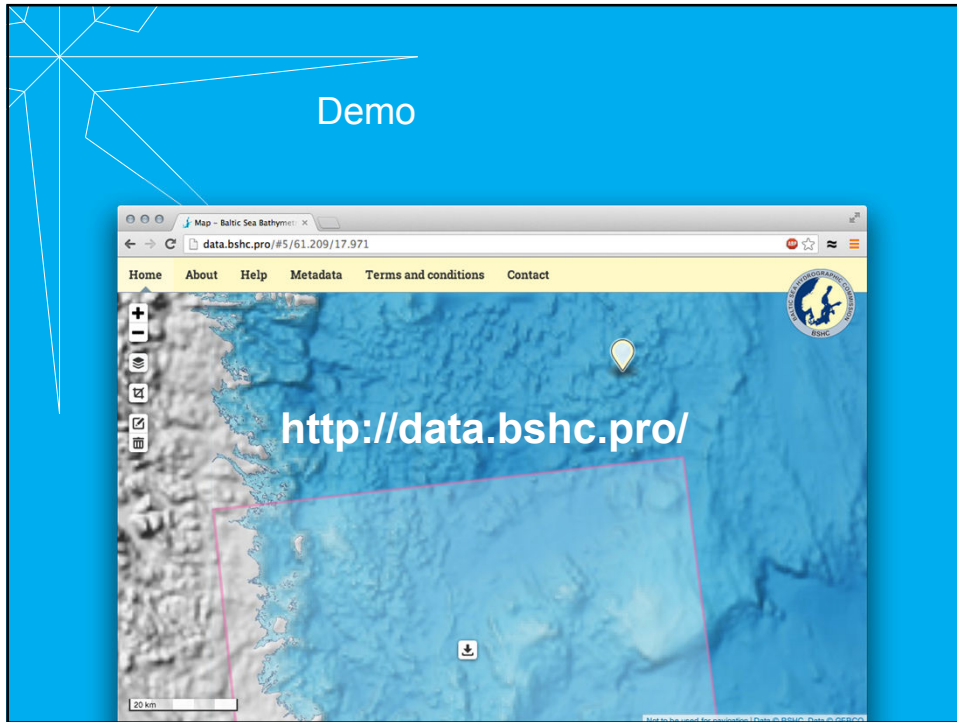
Taking Further Action to Implement the Baltic Sea Action Plan  
- Reaching Good Environmental Status  
for a healthy Baltic Sea

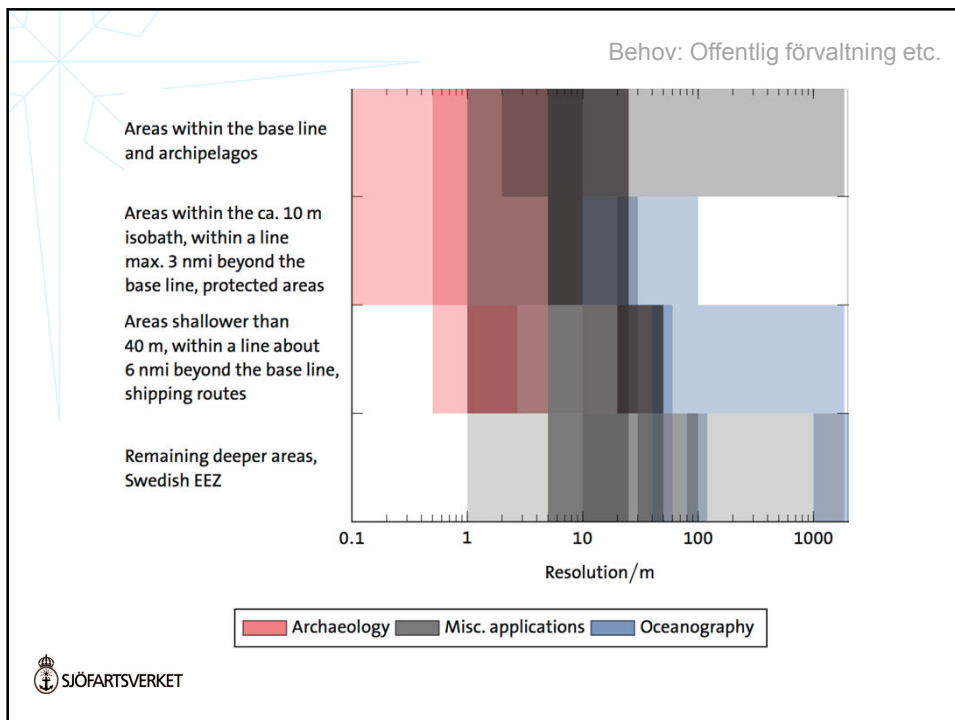
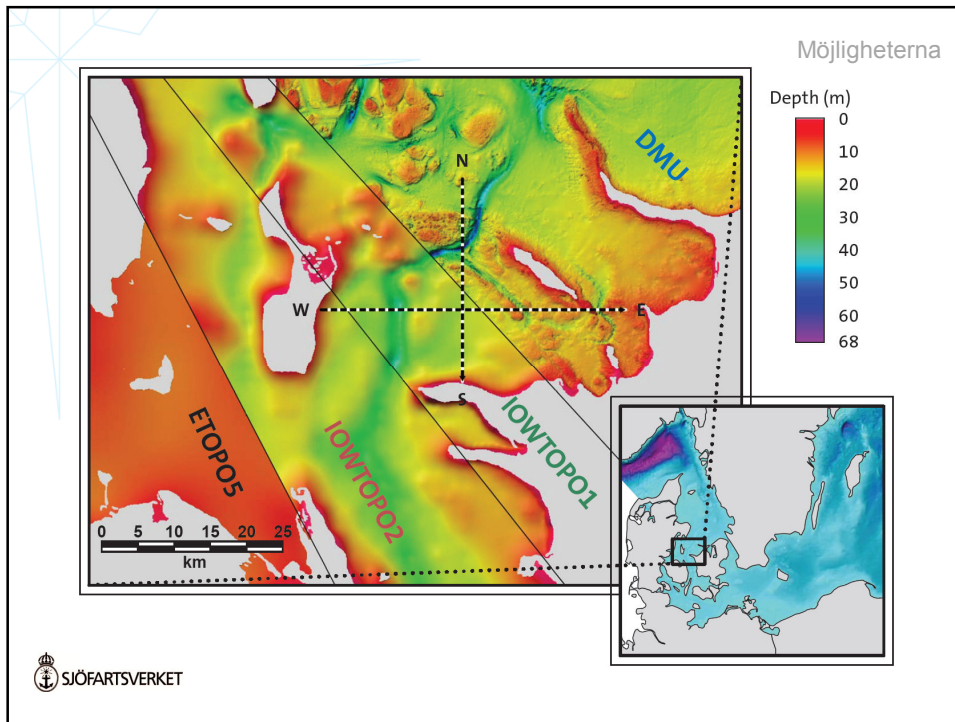
**14 (M).** RECALLING the HELCOM Copenhagen 2001, Krakow 2007 and Moscow 2010 commitments on hydrographic re-survey and COMMENDING WITH APPRECIATION the subsequent substantial progress made in systematic re-surveying of major shipping routes and ports in the region according to the HELCOM-BSHC Re-survey Scheme aimed at ensuring that safety of navigation in the Baltic Sea region is not endangered by inadequate source information;

**15 (M).** WE AGREE to take actions to ensure the completion of the re-surveys for areas used by navigation (CAT I and II) within the time schedules estimated in the 2013 Re-survey Scheme, to promote wider use of accurate and reliable depth information by e.g. developing existing and/or new products including an enhanced and freely accessible Baltic Sea Depth Model, and to foster CAT III re-surveys of other areas not primarily for safety of navigation purposes, e.g. for environmental protection;

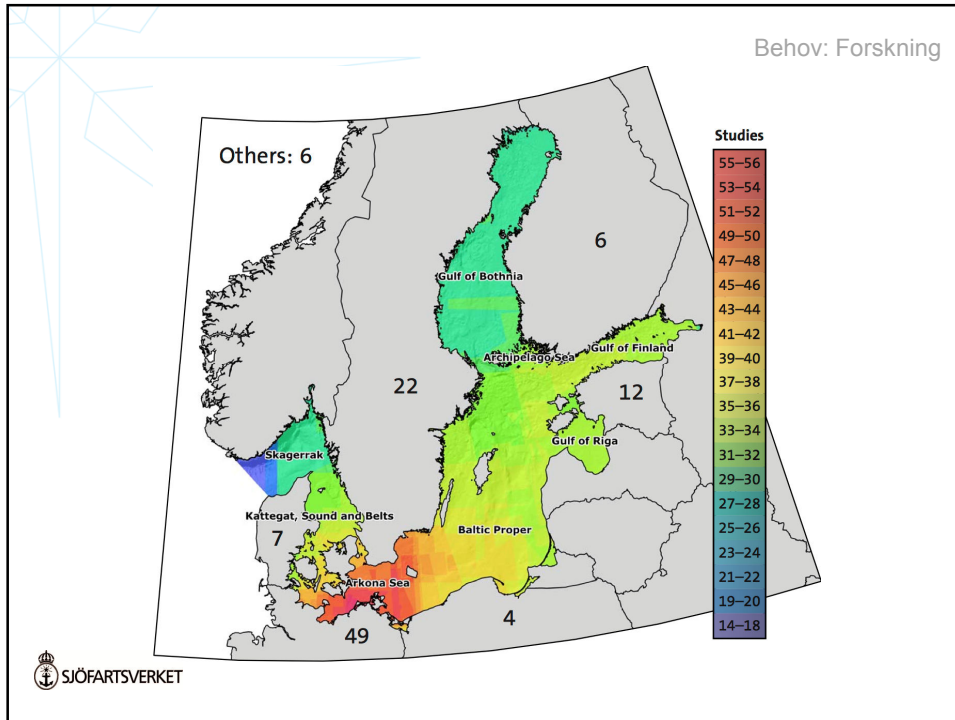
-- Baltic Sea environmental ministers, Oct 2013

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Uppdraget

Regeringsuppdrag  
2008:09-371

En sammanhållen svensk havspolitik

Regeringsuppdrag

” En digital djupdatabas bör inrättas och modeller för Östersjön bör utarbetas

” Ta fram en översiktlig djupdatamodell över Östersjön samt en förvaltningsplan

MonaLisa aktivitet 3.2

” Establish a common database of bathymetric data for the Baltic Sea Area

Sjöfartsverket